R E P O R T R E S U M E S

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BIBLIOGRAPHY OF SCIENCE COURSES OF STUDY AND TEXTBOOKS GRADES 7-12, 1968.

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THIS BIBLIOGRAPHY IS A CONTINUATION OF THE SERIES OF BIBLIOGRAPHIES OF COURSES OF STUDY AND TEXTBOOKS IN SCIENCE BEGUN IN 1959 BY THE NATIONAL SCIENCE TEACHERS ASSOCIATION (NSTA). PART 1 LISTS COURSES OF STUDY ALPHABETICALLY BY STATE UNDER THE CATEGORIES OF (1) LONG-RANGE COURSES OF STUDY, GRADES K-12, (2) JUNIOR HIGH SCHOOL, GRADES 7, 8, 9, (3) BIOLOGICAL SCIENCES, GRADES 9-12, (4) PHYSICAL SCIENCES, GRADES 9-12, (5) EARTH AND SPACE SCIENCE, GRADES 7-12, AND (6) MISCELLANEOUS. INCLUDED FOR EACH COURSE OF STUDY ARE (1) STATE, (2) TITLE, (3) GRADE LEVEL, (4) DATE, (5) COST, AND (6) SOURCE. THE COURSES OF STUDY LISTED ARE THOSE REPORTED AS BEING AVAILABLE FOR CIRCULATION BEYOND THE SCHOOL DISTRICT OR SYSTEM FOR WHICH THEY WERE PREPARED. PART 2 LISTS TEXTBOOKS, LABORATORY MANUALS, PROGRAMED UNITS, TEACHER REFERENCE MATERIAL, AND BOOKS OF EXPERIMENTS. INCLUDED FOR EACH REFERENCE ARE (1) AUTHOR, (2) PUBLISHER, (3) TITLE, (4) DATE, (5) PRICE, AND (6) GRADE. ALL MATERIAL INCLUDED WAS PUBLISHED AFTER 1962. THE INFORMATION WAS CURRENT AS OF NOVEMBER, 1967. PART 3 CONTAINS PUBLICATIONS PREPARED BY SCIENCE COURSE IMPROVEMENT PROJECTS. THESE ARE CATEGORIZED AS (1) JUNIOR HIGH SCHOOL, GRADES 7-9, (2) SUBJECT MATTER PROJECTS, GRADES 9-12, AND (3) MISCELLANEOUS. APPENDED ARE THE (1) ADDRESSES OF THE PUBLISHERS, AND (2) TEXTBOOKS IN PRESS OR PUBLISHED SINCE NOVEMBER, 1967. THIS DOCUMENT IS ALSO AVAILABLE FOR $1.00 FROM THE NATIONAL EDUCATION ASSOCIATION, PUBLICATIONS SALES, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (DS)

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of
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Grades 7-12
1968

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For Grades 7 - 12

Including Publications of Curriculum Projects

1968 Edition

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FOREWORD

This bibliography continues the series of bibliographies of courses of study and textbooks in science begun in 1959 by the National Science Teachers Association. In two separate publications, courses of study and textbooks are listed for grades K-9 and grades 7-12, respectively. Because grades 7-9 are a separate division in some school systems or included with either the elementary grades or the secondary grades in other systems, items at this level are included in both publications.

The courses of study listed are those that were reported as being available for circulation beyond the school district or system in which they were prepared. Information was requested from all members of the National Science Supervisors Association (a section of NSTA), from all state departments of education, and from school systems listed in the previous edition of the bibliography.

For the book entries, inquiries (and follow-up reminders if necessary) were sent to all publishers represented in the last edition of the bibliography, to all who advertise in The Science Teacher, and to all who are listed in Literary Market Place as having textbooks or programed instructional materials. Inquiries were also sent to all science curriculum projects listed in the International Clearinghouse Report 1967, published by the Science Teaching Center at the University of Maryland and the American Association for the Advancement of Science.

The books listed have been limited to textbooks, laboratory manuals, teacher reference material, books of experiments, and the publications of curriculum projects. Tests, answer sheets, and certain other supplementary materials are available in most cases, but they were not included since this is basically a listing of books. Enrichment reading was not requested, though the difficulty of drawing a sharp line between a textbook and supplementary materials is becoming increasingly acute.

For all of the entries -- both courses of study and textbooks -- the request specified material published after 1962. The information was current as of November 1967. The most recent editions in print as of November 1967 are listed. We have tried to include every item where applicable, and regret if there are any which have not come to our attention.

For further information about any of the entries, write directly to the address of the publisher, school, or other source given. (Addresses of textbook publishers are given in the Appendix.) Many courses of study and textbooks are on display at the national convention of the National Science Teachers Association, and many publishers have booths at the regional NSTA meetings so that teachers may inspect and discuss their latest offerings. The book review pages in The Science Teacher and in Science and Children and the reviews in Science Books-- a Quarterly Review, published by the American Association for the Advancement of Science, also offer current information on new publications in science.

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SCIENCE COURSES OF STUDY

LONG-RANGE COURSES OF STUDY

Grades K-12 and segments thereof

State	Title	Grade	Date	Cost	Write to:
Alabama	Alabama Course of Study	7-12	1964	1.00	Alabama Dept. of Ed. Secondary Division State Office Bldg. Montgomery 36104
Alaska	Science Guidelines	K-12	1967	2.00	Kenneth C. Grieser Alaska Dept. of Ed. Alaska Office Bldg. Juneau 99801
Arizona	Science Guide for Elementary Schools of Arizona	1-8	---	free	Carl E. Beisecker State Dept.of Publ. Inst. 1333 W. Camelback Rd. Phoenix 85013
California*	Guide for Science Problems 1-2	11-12	1966	4.50	San Diego City Schools Curriculum Services Div. 4100 Normal San Diego 92103
*In California, courses of study in grades 9-12 are the responsibility of local school districts. There is no uniform statewide textbook or course of study.					
Florida	Senior High School Science Curriculum Guidelines	Sr. High	1966	2.00	Robert H. Liston 1011 Gilmore St. Jacksonville 32204
	Secondary Science Guidelines	7-12	1966	.25	" "
Idaho	Science for Idaho Public Schools	1-12	1965	free	Richard Kay Science Consultant State Dept. of Ed. Statehouse Boise 83707
Indiana	Science for Secondary Schools (Bulletin 360)	7-12	1963	1.00	State Dept. of Publ.Inst. Curriculum Div., Rm. 225 State House Indianapolis 46204
	Physical Science for Secondary Schools (Bulletin 361)	7-12	1963	.40	" "
	Earth Science Curriculum Guide for Junior and Senior High Schools (Bulletin 362)	7-12	1963	.35	" "

State	Title	Grade	Date	Cost	Write to:
Iowa	Science Curriculum Guide	K-12	1967	1.00	Supt. of School Perry Community School 3rd & Warford Perry 50220
Michigan	Science--A Curriculum Guide	7-12	1965	1.00	Lansing School District Curriculum Dept. 3426 S. Cedar St. Lansing 48910
	Integrating Outdoor and Conservation Education Into the Existing Curriculum of the Ann Arbor Public School System	K-12	1964	1.00	John C. Rosemergy 1220 Wells St. Ann Arbor 48104
Missouri	A Curriculum Guide for Science, Health and Safety	K-8	1966	free	St.Louis Board of Ed. Ofc. of Printing & Publication 1517 S. Theresa Ave. St. Louis 63104
New Mexico	Resource Units for Science	1-9	1965	---	J.Paul Taylor Las Cruces Public Schools Las Cruces 88001
Oregon	Science Education for Oregon Schools *$1.55 each in quantities of 10 or more	K-12	1965	1.95*	OMSI 4015 S.W. Canyon Rd. Portland 97221
Pennsylvania	Planetarium Program	3-12	1967	1.00	D.J. Fails Science Supervisor Gateway Schools Moss Side Blvd. Monroeville 15146
South Carolina	Guide for Teaching Science	7-12	1962	1.00	R.L. Trantham Dept. of Ed. 801-B Rutledge Bldg. Columbia 29201
Texas	Science Program, Content Scope and Sequence	K-12	1967	free	Supt. of Schools Dallas Independent School Dist. 3700 Ross Ave. Dallas 75204

State	Title	Grade	Date	Cost	Write to:
Texas	Science for Secondary Schools, Curriculum Guide	7-12	1967	4.00	Supt. of Schools Dallas Independent School District 3700 Ross Ave. Dallas 75204
	A Guide to the Teaching of Conservation (TEA Bulletin 653) in Science	K-12	1963	.40	Texas Education Agency Austin 78711
Vermont	Science	1-8	1965	free	Vermont State Dept. of Ed. State Office Bldg. Montpelier 05602
Wisconsin	Guide to Conservation and Resource-Use Education in Wisconsin Schools, Bulletin No.120	K-12	1963	1.00	Publications Order Serv. 126 Langdon St. Madison 53703
	JUNIOR HIGH SCHOOL				
	Grades 7,8,9				
Arizona	Science for 9th Grade	9	1965	.40	Instructional Materials Center PUHS District Services Offices Box 3947 Phoenix 85030
	Mechanical Science	9	1965	.40	" "
	Earth Sciences	9	1967	.60	" "
California	The Molecule and the Biosphere	7	1966	---	L. Frank Mann Dept. of Ed. 721 Capitol Mall, Rm.464 Sacramento 95814
	Basic Life Science	7	1966	---	" "
	Basic Physical Science	8	1966	---	" "
	Basic Earth Science	8	1966	---	" "
	The Atom and the Earth	8	1966	---	" "
	Guide for Teaching Schools	8	1967	1.80	San Diego City Schools Curriculum Services Div. 4100 Normal San Diego 92103
	Guide for Teaching General Science 1-2	8	1967	4.00	" "

State	Title	Grade	Date	Cost	Write to:
Connecticut	Science I	7	1962	2.00 approx.	Edward Flocco Adm. Asst. to Supt. Town School Office Westport 06880
	Science II	8	1962	2.00 approx.	" "
Delaware	Earth Science (A Curriculum Guide)	8	1966	2.00 single copies only	Dr. Phyllis L. Magat Coordinator of Math & Science Alfred I. duPont School Dist. Wilmington 19803
Florida	A Science Curriculum Guide--Eighth Grade Physical Science	8	1963	1.25	Robert H. Liston 1011 Gilmore St. Jacksonville 32204
	A Science Curriculum Guide--Seventh Grade Health and Life Science	7	1963	1.25	" "
	A Science Curriculum Guide--Ninth Grade Earth and Space Science	9	1963	1.25	" "
	Junior High School Science Curriculum Additions and Revisions	Jr.High	1966	.10	" "
Illinois	Science for Seventh Grade	7	1967	---	Frank Poole Eisenhower Cooperative 123rd and Crawford Alsip 60658
	Science for Eighth Grade	8	1967	---	" "
Iowa	Science for Iowa Schools	Jr.High	1966	1.00	Publications Section Dept. of Publ.Inst.,State Ofc.Bldg.Des Moines 50319
Maine	Guide to Learning	7-9	1962	free	State Dept. of Ed. Augusta 04330
Maryland	Junior High School Science: Basic Education Curriculum Guide and Seven Student Manuals (Laboratory Activities and Reference Sheets)	7-9	1966	---	Bd. of Ed. of Baltimore County Aigburth Manor Towson 21204

State	Title	Grade	Date	Cost	Write to:
Maryland	Junior High School Science	7-9	---	5.00 Vinyl cover 4.00 Paper cover	Bd. of Ed. of Baltimore County Aigburth Manor Towson 21204
	Curriculum Guide in Science (tentative)	7,8	1967	2.00	A. Hope Swann Felix Johnson Education Center Lexington Park 20653
	General Science 8th Grade Program	8	1963	1.00	Bur. of Publications Baltimore Public Schools 3 E. 25th St. Baltimore 21218
	A Teacher's Guide for a Unit in Geology	7	1965	1.00	" "
Michigan	Open-Ended Laboratory-Centered Science for Grades 7-8-9	7-9	1965	free	Jack W. Kammeraad Michigan Dept. of Ed. Lansing 48902
	A Guide for Modified Classes in Science	7-9	1963	1.00	Lansing School District Curriculum Dept. 3426 S. Cedar St. Lansing 48910
Minnesota	Earth and Space Science for Junior High Schools	7-8	1967	5.00	Upper Midwest Council for School Television 1640 Como Ave. St. Paul 55108
Mississippi	School Bulletin #160 Science in the Junior High School	7-9	1967	free	R.C. Roberts Supervisor of Science State Dept. of Ed. Jackson 39205
New Jersey	Physical Science	7	1964	1.50 limit: one per school dist.	Lee H. Taylor Bridgewater-Raritan Schools 606 First Ave. Raritan 08869
	Earth Science	8	1964	1.50 limit: one per school dist.	" "
	Science Course of Study	7-9	1965	1.00 per order for any amount of material from this source	Robert Gorton New Providence High School New Providence 07974

State	Title	Grade	Date	Cost	Write to:
New York	Ideas & Techniques-- Science	7	1965	3.00	Robert M. Vincent, Director Instructional Materials Center 820 Hempstead Turnpike Franklin Square New York City 11010
	" "	8	1965	3.00	" "
	" "	9	1966	3.00	" "
	Science (Long Form)	7	1967	4.50	Bur. of Publications Board of Education, City of New York 110 Livingston St. Brooklyn 11201
	The Chemistry of Matter	7	1963	.75	" "
	The Materials of Life	7	1964	.75	" "
	Electricty, Magnetism and Heat	7	1963	.75	" "
	Matter and Life in Space	9	1966	.75	" "
	Living in the Space Age	7,8,9	1967	*	New York State Education Dept. Publications Distribution Finance Section Albany 12224
	* Free to New York teachers, slight cost to others				
	The Universe	7,8,9	1966	*	" "
	* Free to New York teachers, slight cost to others				
	Living on the Changing Crust of the Earth	7	1964	.75	Bur. of Publications Board of Education City of New York 110 Livingston St. Brooklyn 11201
	Structure and Function of Living Things	8	1965	.75	" "
	Matter & Energy in Physics	8	1964	.75	" "
	Properties of Mixtures	8	1964	.75	" "
	Energy Changes in the Atmosphere & Hydrosphere	8	1965	.75	" "

State	Title	Grade	Date	Cost	Write to:
New York	Reactions of Metals	9	1965	.75	Bur. of Publications Board of Education City of New York Brooklyn 11201
	Wave & Mechanical Motion	9	1966	.75	" "
	Reproduction and Heredity	9	1966	.75	" "
North Carolina	Science: Grades 7-9	7-9	1964	1.00	Div. of Publications Dept. of Publ.Inst. Education Bldg. Raleigh 27602
North Dakota	A Course of Study and a Guide for Teachers of Life Science	7-9	1963	1.50	George Fors Dept. of Publ. Inst. State Capitol Bldg. Bismarck 58501
	A Course of Study and a Guide for Teachers of Earth Science	7-9	1963	1.50	" "
	Elementary Science Source Book, Vol.I	7-9	1963	1.00	" "
	Elementary Science Source Book, Vol.II	"	"	"	" "
	An Introduction to Physical Science for the 9th Grade--Course Outline and Teacher's Guide	9	1964	5.00	" "
	An Introduction to Physical Science for the Ninth Grade for Students	9	1962 (in re-vision)	1.50	" "
Ohio	Life Science, Second Experimental Edition Instructional Guide Student Investigation	7	1967	*	Ted F. Andrews Science Dept., Ed.Res. Coun. Rockefeller Bldg. Rm.312 Cleveland 44113
	* Instructional Guide: $16.00 Student Investigation: 5.00				
Oregon	Biology	7	1967	2.00	Harold Wik, Science School Dist. 48 Beaverton 97005

State	Title	Grade	Date	Cost	Write to:
Oregon	Earth, Component Interaction	8	1967	2.00	Harold Wik, Science School Dist. 48 Beaverton 97005
	Science--A Modern Approach	9	1966	2.00	" "
	General Guide	7	1966	3.00	George E. Russell Curriculum Director School Dist. 48 Beaverton 97005
	General Guide	8	1966	3.00	" "
	General Guide	9	1966	3.00	" "
Pennsylvania	Curriculum Development Series	7-9	---	1.10 *	Commonwealth of Penna. Dept. of Publ.Inst. Ofc. of Publ.Info. Harrisburg 17126
	* (1.15 to Penna. residents.) Prepayment is required. Available free to Penna. publ.school administrators for distribution to teachers.				
South Carolina	The General Science Handbook, Part 1	7-9	1962	1.00	R.L. Trantham Dept. of Education 801-B Rutledge Bldg. Columbia 29201
Texas	Science for Secondary Schools, Resource Materials for Jr. High School Science	7-9	1967	4.00	Supt. of Schools Dallas Independent School Dist. 3700 Ross Ave. Dallas 75204
Virginia	Suggested Outlines for Science	8-9	1962	free*	F.D. Kizer State Dept. of Education Richmond 23216
	*limited availability				
	Laboratory Experiences for Jr. High School	8	1967	3.50	Dr. Harold M. Wilson Arlington County School Bd. 4751-25th St. N. Arlington 22207
	Laboratory Experiences for Jr.High School--Science I	8	1967	3.50	" "
	Laboratory Experiences for Jr. High School--Science II	9	1967	3.50	" "
	Laboratory Experiences for Earth & Space Science	9	1966	3.50	" "

BIOLOGICAL SCIENCES

Grades 9-12

State	Title	Grade	Date	Cost	Write to:
Arizona	Biology 1-2	9-12	1964	.60	Inst. Materials Center PUHS Dist. Services Offices Box 3947 Phoenix 85030
	Biology 3-4	11-12	1965	.40	" "
Connecticut	Biology	9-12	1967	2.00 approx.	Edward Flocco Adm.Asst. to Supt. Town School Office Westport 06880
District of Columbia	Biology Curriculum for Secondary Schools	9-10	1965	---	Mrs. Lu Verne C. Walker Director of Curriculum Phillips Annex 28th & N Sts., N.W. Washington 20007
Idaho	Biology Activities	10-12	1964	3.00	Richard Kay Science Consultant State Dept. of Ed. Statehouse Boise 83707
Illinois	Biology	10	1966	---	Chicago Bd. of Ed. Dept. of Curriculum 228 N. La Salle St. Chicago 60601
	Biology (advanced)	12	1966	---	" "
New Jersey	Biology Course of Study	10	1965	1.00*	Robert Gorton New Providence High School New Providence 07974
	* per order for any amount of material from this source				
Ohio	Science Problems, First Experimental Edition (Student and Teacher Matls. for Phases I, II, and III)	11,12	1967	50.00	Ted F. Andrews Science Dept. Ed. Res. Coun. Rockefeller Bldg., Rm.312 Cleveland 44113
Pennsylvania	Course of Study, Biology	10	1965	1.00	Betty Evans, Vice Principal Mt.Lebanon High School Cochran Rd. Pittsburgh 15228
	Course of Study, Biology advanced placement	12	1965	1.00	" "

State	Title	Grade	Date	Cost	Write to:
exas	Science for Secondary Schools, Resource Matls. for Sr. H.S. Science	10-12	1967	4.00	Supt. of Schools Dallas Independent School Dist. 3700 Ross Ave. Dallas 75204
irginia	Biology Laboratory Guide	10-12	1962	3.50	Dr. Harold M. Wilson Arl. County School Bd. 4751-25th St. N. Arlington 22207
	PHYSICAL SCIENCES				
	Grades 9-12				
rizona	Chemistry 1-2	10-12	1964	.70	Robert Haberer Inst. Materials Center PUHS Dist. Services Offices Box 3947 Phoenix 85030
	Chemistry 1A-2A	10-12	1965	.35	" "
	Physics 1 & 2	11-12	1964	.60	" "
	Physics 1C&2C	11-12	1965	.50	" "
alifornia	Guide for Teaching Chemistry-Physics Combined 1-2, 3-4 (PSSC-CHEMS)	11-12	1966	1.00	San Diego City Schools Curriculum Services Div. 4100 Normal San Diego 92103
	Guide for Teaching Honors Physics 1-2	12	1967	.60	" "
elaware	Chemistry-Physics I Processes and Concepts A Curriculum Guide for 3 of 8 planned units	11	1967	2.00	Dr. Phyllis L. Magat Coordinator of Math & Sci. Alfred I. DuPont School Dist Concord Pike at Mt.Lebanon Rd. Wilmington 19803
llinois	Chemistry	12	1966	---	Chicago Bd. of Ed. Dept. of Curriculum 228 N. La Salle St. Chicago 60601
owa	Chemistry for Iowa Schools	High School	1965	1.00	Publications Section Dept. of Publ.Inst. State Office Bldg. Des Moines 50319
	Physics for Iowa Schools	"	1966	1.00	" "

State	Title	Grade	Date	Cost	Write to:
Maryland	General Physical Science Teacher's Manual Eight Student Lab. Manuals		1963 1963 64,65	10.00	Bd. of Ed. of Baltimore County Aigburth Manor Towson 21204
	Chemistry Curriculum Guide 1961 Six Student Lab. Manuals 1966 Teachers Lab.Manual 1966	10-12	1966	8.00	" "
North Dakota	Guide for Laboratory Procedures (Chem)	10-12	1962	.35	George Fors Dept. of Publ.Inst. State Capitol Bldg. Bismarck 58501
Ohio	Science Problems, First Experimental Edition (Student and Teacher Materials for Phases I, II, and III)	11,12	1967	50.00	Ted F. Andrews Science Dept. Ed. Res.Coun. Rockefeller Bldg.Rm.312 Cleveland 44113
Pennsylvania	Course of Study, Chemistry	11	1965	1.00	Betty Evans, Vice Principal Mt.Lebanon High School Cochran Rd. Pittsburgh 15228
	Course of Study, Physics	12	1966	1.00	" "
Texas	Science for Secondary Schools, Resource Materials for Sr. H.S. Science	10-12	1967	4.00	Supt. of Schools Dallas Independent School Dist. 3700 Ross Ave. Dallas 75204
Vermont	Chemistry Curriculum Guide	10-12	1962	free	Vermont St.Dept. of Ed. State Office Bldg. Montpelier 05602
Virginia	Laboratory Guide for Physical Science	11-12	1967	3.50	Dr. Harold M. Wilson Arl.County School Bd. 4751-25th St. N. Arlington 22207

EARTH AND SPACE SCIENCE

Grades 7-12

State	Title	Grade	Date	Cost	Write to:
Arizona	Earth Sciences	9	1967	.60	Instructional Materials Center PUHS Dist.Serv. Offices Box 3947 Phoenix 85030
Delaware	Earth Science (A Curriculum Guide) *single copies only	8	1966	2.00*	Dr. Phyllis L. Magat Coordinator of Math & Sci. Alfred I. duPont School District Concord Pike at Mt.Lebanon Rd. Wilmington 19803
California	Basic Earth Science	8	1966	---	L. Frank Mann Dept. of Education 721 Capitol Mall, Rm.464 Sacramento 95814
Florida	A Science Curriculum Guide--Ninth Grade Earth and Space Science	9	1963	1.25	Robert H. Liston 1011 Gilmore St. Jacksonville 32204
Indiana	Earth Science Curriculum Guide for Junior and Senior High Schools (Bulletin 362)	7-12	1963	.35	State Dept. of Publ. Inst. Curriculum Div., Rm. 225 State House Indianapolis 46204
Maryland	A Teacher's Guide for a Unit in Geology	7	1965	1.00	Bur. of Publications Baltimore Publ. Schools 3 E. 25th St. Baltimore 21218
Minnesota	Earth and Space Science for Junior High Schools (Earth and Space Science teaching aid)	7-8	1967	5.00	Upper Midwest Council for School Television 1640 Como Ave. St. Paul 55108
New Jersey	Earth Science *limit: one per school district	8	1964	1.50*	Lee H. Taylor Bridgewater-Raritan Schools 606 First Ave. Raritan 08869

State	Title	Grade	Date	Cost	Write to:
New York	Matter and Life in Space	9	1966	.75	Bur. of Publications Bd. of Ed.,City of New York 110 Livingston St. Brooklyn 11201
	Living in the Space Age	7,8,9	1967	free*	New York State Ed. Dept. Publications Distribution Finance Section Albany 12224
	*free to N.Y. teachers, slight cost to others				
	The Universe	7,8,9	1966	free*	" "
	*free to N.Y. teachers, slight cost to others				
	Living on the Changing Crust of the Earth	7	1964	.75	Bur. of Publications Bd. of Ed.,City of New York 110 Livingston St. Brooklyn 11201
North Dakota	A Course of Study and a Guide for Teachers of Earth Science	7-9	1963	1.50	George Fors Dept. of Publ. Inst. State Capitol Bldg. Bismarck 58501
	A Teacher's Guide to Geologic Features	---	1963	1.00	" "
Oregon	Earth, Component Interaction	8	1967	2.00	Harold Wik, Science School Dist. 48 Beaverton 97005
Pennsylvania	Curriculum Development Series No.8. Earth & Space Science (A Guide for Secondary School Teachers)	7-9	---	1.10*	Commonwealth of Penna. Dept. of Publ. Inst. Office of Publ. Info. Harrisburg 17126
	*1.15 to Penna. residents. Prepayment is required. Available free to Penna. public school administrators, for distribution to teachers.				
	Planetarium Program	3-12	1967	1.00	D. J. Fails Science Supervisor Gateway Schools Moss Side Blvd. Monroeville 15146
Vermont	Earth Science	10-12	1962	free	Vermont State Dept. of Ed. State Office Bldg. Montpelier 05602
Virginia	Laboratory Experiences for Earth & Space Science	9	1966	3.50	Dr. Harold M. Wilson Arl.County School Board 4751-25th St., N. Arlington 22207

State	Title	Grade	Date	Cost	Write to:
West Virginia	Earth Science...a Handbook on the Geology of West Virginia	(for teachers)	1964	free	Publications Section Dept. of Education State Capitol Charleston 25305
	MISCELLANEOUS				
California	Syllabus	*	1966	free	Frank E. Carus Tolman Hall, Rm. 5505 Univ. of California Berkeley 94720
	*Syllabus for student teachers of 8,9,10				
	Handbook of Science Laboratory Practices and Safety	8-12	1966	1.50	San Diego City Schools Curriculum Services Div. 4100 Normal San Diego 92103
District of Columbia	Safety Manual for Science Laboratory	K-12	1966	---	Mrs. LuVerne C. Walker Director of Curriculum Phillips Annex 28th & N Sts., N.W. Washington 20007
New Jersey	Course of Study--Medical-Lab Technology	12	1964	3.00	Joseph P. McGarry, Science P.O. Box 301 Martinsville 08836
	Science Seminar	12*	1965	1.00	K.G. Campbell West Morris High School Chester 07930
	*advanced placement				
New York	For Greater Safety in Science Teaching*	K-12	1964	.25	Bur. of Publications Bd. of Ed., City of N.Y. 110 Livingston St. Brooklyn 11201
	*(A booklet with safety suggestions for both teacher and pupil.)				
North Dakota	Minimum Science Equipment Inventory	---	1962	.50	George Fors Dept. of Publ. Inst. State Capitol Bldg. Bismarck 58501
Ohio	Advanced Science Topics	12*	1966	.50	Wm.Schreiner, Science Chmn. Valley Forge High School 9999 Independence Blvd. Parma Heights 44130
	*advanced placement				
West Virginia	Science...A Sourcebook on Recent Curriculum Improvement Projects	(for teachers)	1965	free	Publications Section Dept. of Education State Capitol Charleston 25305
	Science...A Sourcebook for Junior High School Teachers	7-9	1964	free	" "

TEXTBOOKS IN SCIENCE

JUNIOR HIGH

Grades 7-9

Author	Publisher	Title	Date	Price	Grade
Baker, Bradbury, Sigler, Eichinger	Lyons and Carnahan	Chemistry & You	1966	$6.20	Jr. High
Barnard, Stendler, and Spock	Macmillan	Science: A Search for Evidence	"	4.56	7
"	"	Science: A Way to Solve Problems	"	4.84	8
"	"	Science: A Key to the Future	1967	6.48	9
Blanc, Fischler, and Gardner	Holt,Rinehart and Winston	Modern Science: Earth, Space, and Environment	"	5.40	7, 8
		Teacher's Edition		6.40	
		Exercises and Investigations		1.72	
"	"	Modern Science: Man, Matter, and Energy	1967	5.40	"
		Teacher's Edition		6.40	
		Exercises and Investigations		1.72	
"	"	Modern Science: Forces, Change, and the Universe	1967	6.12	9
		Teacher's Edition		7.12	
		Exercises and Investigations		1.72	
"	"	Modern Science 1	1963	5.40	7, 8
		Teacher's Edition		6.40	
		Exercises and Investigations		1.72	
"	"	Modern Science 2	1963	5.40	"
		Teacher's Edition		6.40	
		Exercises and Investigations		1.72	
"	"	Modern Science 3	1963	6.12	9
		Teacher's Edition		7.12	
		Exercises and Investigations		1.72	
Brandwein, Beck, Strahler, Hollingworth, and Brennan	Harcourt, Brace & World	World of Living Things	1964	3.81	7
"	"	World of Matter and Energy	"	3.90	8
"	"	Exploring The Sciences	"	4.50	9

Author	Publisher	Title	Date	Price	Grade
Brandwein, Cooper, Blackwood, Hone, Bernett, and Stollberg	Harcourt, Brace & World	Concepts in Science Series	1966 (some still in press)	$4.20 " 4.50	7 8 9
Branley, Pella, and Urban	Ginn	Science Horizons Series The World of Life	1965 (1968 edition in press)	5.16 Study Guide and Activity Manual 1.96, Teacher's Manual and Key 2.40	7-9
"	"	Science Horizons Series The Physical World	"	"	"
Choppin and Jaffe	Silver Burdett	Chemistry: Science of Matter, Energy, and Change	1965	List: 6.40 Net: 4.80 Teacher's Guide List: 2.40 Net: 1.80	7-9
Davis, Burnett, and Gross	Holt, Rinehart and Winston	Science 1: Observation and Experiment	1962	5.20 Directed Study Guide 1.64	7
"	"	Science 2: Experiment and Discovery	"	"	8
"	"	Science: Discovery and Progress	1961	6.12 Directed Study Guide 1.80	9
Davis, Burnett, Gross, Prichard, and Johnson	"	Science 1: Observation and Experiment	1965	5.20 Teacher's Edition 6.20 Exercises and Investigations 1.64	7
"	"	Science 2: Experiment and Discovery	"	"	8
"	"	Science: Discovery and Progress	"	6.12 Teacher's Edition 7.12 Exercises and Investigations 1.80	9

Author	Publisher	Title	Date	Price	Grade
Farley, Smith et al.	Holt, Rinehart and Winston	Science and Life Book 7	1966	$3.80(paper) 4.96(cloth) Teacher's Edition 4.80	7
"	"	Science and Life Book 8	"	3.84(paper) 4.96(cloth) Teacher's Edition 4.84	8
Fitzpatrick, Bain, and Teter	"	Living Things	"	5.72 Teacher's Guide 3.60 Investigating Living Things 1.80	7-9
Fitzpatrick and Hole	"	Modern Life Science	"	6.12 Teacher's Guide 3.60	"
Heimler and Neal	Merrill	Principles of Science Book One	"	5.40 (25 percent discount)	"
"	"	Principles of Science Book Two	"	"	"
Hungerford and Robinson	J. Weston Walch	Land Forms: The Result of a Great Battle	1964	2.25	7-10
Kahn, P. et al.	L. W. Singer	Investigating Science	1966	3.32(cloth) 2.20(paper) Laboratory Manual .52	7
"	"	Investigating Science	"	3.52 (cloth) 2.32 (paper) Laboratory Manual .52	8
Lesser	AMSCO	Life Science	1967	1.75 (including educational discount)	7-9
Mason and Peters	D. Van Nostrand	Life Science - A Modern Course	1965	4.96	7

Author	Publisher	Title	Date	Price	Grade
McNall, P. E.	Interstate	Our Natural Resources	1964	$4.75 less educational discounts	7, 8
Morgan	Pergamon	Environmental Biology (4 volumes)	1963-66	2.95 2.45 1.95(10 percent discount)	7-9
Navarra, Strahler	Harper & Row	Energy and the Atom: The Physical Sciences	1967	6.40(25 percent discount)	"
Navarra, Garone	"	Our Planet in Space: The Earth Sciences	"	"	"
Navarra, Zafforoni, Garone	"	Today's Basic Science 7: The Molecule and the Biosphere	1965	" Investiguide 1.88	7
"	"	Today's Basic Science 8: The Atom and the Earth	"	" Investiguide 1.88 (25 percent discount)	8
"	"	Life and the Molecule: The Biological Sciences	1966	" (25 percent discount)	8, 9
Obourn, Heiss, Montgomery, and Lape	D. Van Nostrand	Discovering the World of Science	1963	4.96	7
"	"	Exploring the World of Science	"	"	7, 8
"	"	Investigating the World of Science	1966	5.96	8, 9
Palmer and Herron	Lyons and Carnahan	Matter, Life, and Energy	1967	6.00	7-9
Patterns and Processes of Science series	Heath	Patterns and Processes of Science series	1966		8
		Laboratory Text No. 1 Pilot Edition		2.96	
		Teacher's Edition		2.96	
		Tape to accompany		5.00	
		Laboratory Text No. 2, Pilot Edition		(in press)	
		Laboratory Text No. 3, Final Edition		(in press)	
		Laboratory Text for Physical Science, Pilot Edition	1965	2.76	
		Teacher's Manual		1.00	

Author	Publisher	Title	Date	Price	Grade
Perkins and Tilsner	Merrill	Science Skillcards	1966	$3.80	4-8
Schaefer and Jeffries	Grolier Educational Corp.	Biology and Chemistry	1962	13.50	7-9
"	"	Sound, Light Electricity, and Communications	"	"	"
Schneider	Allyn and Bacon	Health and Growth	1967	3.40(25 percent school discount)	7-8
Schneider and Schneider	Heath	Science Series, Second Edition	1964		"
		Science in the Space Age Book 7		3.72*	
		Now Try This: Projects, Problems, Tests		1.28	
		Science and Your Future Book 8		3.92*	
		Now Try This		1.28	
Sr. M. Maurice et al.	Webster Division, McGraw-Hill	Introduction to Biological Science	1966	4.65*	7
Sr. Judith Mary et al.	"	Introduction to Physical Science	"	"	8
Smith	Allyn and Bacon	Our Environment: Its Relation To Us	1964	4.88(25 percent school discount)	7
"	"	Our Environment: How We Adapt Ourselves to It	"	5.56(25 percent school discount)	8
Smith, V. C.	Lippincott	Exploring Science for the Space Age	1966	4.96(25 percent discount)	7
"	"	Understanding Science for the Space Age	"	5.12(25 percent discount)	8
Smith and Vance	"	Science for the Space Age	"	6.20(25 percent discount)	9
Stone, G. K.	Prentice-Hall	Science in Action Series Science in Action	1964	6.04 (Teacher's Edition available)	7-9
Stone and Stephenson	"	Science in Action Series Science You Can Use, 2nd Edition	"	"	"

*Teacher's Edition is the same price as the text.

Author	Publisher	Title	Date	Price	Grade
Thurber and Kilburn	Allyn and Bacon	Exploring Science Seven	1965	$4.24	7, 8, 9
		" Eight		4.40	
		" Nine		5.76 (25 percent school discount)	
"	"	Exploring Life Science	1966	5.20(25 percent discount)	7-9
Van Hooft	"	Our Environment: How We Use and Control It	1964	6.48(25 percent school discount)	9

GENERAL SCIENCE

Author	Publisher	Title	Date	Price	Grade
Humphreys, A.	Steck-Vaughn	Modern General Science, Revised	1964	List $2.32 Net 1.74	9-12
Mallinson and Meppelink	Ginn	Science in Modern Life	"		"
		Science Activities		2.00	
		Teachers' Edition of Science Activities		2.16	
		Teachers' Manual and Key		2.36	
Messel	Pergamon	Science for High School Students (2 volumes)	"	12.50	"
Sheehan, Ceddia, Woodman, and Feudo	Educators Publishing Service	Science on the Move a basic text in chemistry, biology, physics and space for ninth grade	1965	4.80	9
		Teacher's Manual		free	
		Laboratory Manual		.75	

BIOLOGY

Author	Publisher	Title	Date	Price	Grade
Abramoff and Thompson	W. H. Freeman	Laboratory Outlines in Biology	1963	3.75	12
Avis	Walch	The Challenge of Modern Biology	1966	5.00	9-12
Belfield	Pergamon	Models and Methods in Practical Biology	"	2.95	"
Biological Sciences Curriculum Study	Harcourt, Brace & World	Biological Science: An Inquiry Into Life, Second Edition (Yellow Version)	1968	in press	10
"	Houghton Mifflin	Biological Science: Molecules to Man (Blue Version) Revised Edition	"	8.80(25 percent discount to schools)	9-10
"	Holt, Rinehart and Winston	Biological Science: Patterns and Processes	1966	3.60	10
		Teacher's Handbook		4.48	

Author	Publisher	Title	Date	Price	Grade
Biological Sciences Curriculum Study	Heath	BSCS Pamphlets		$ .60 each	9
		1. Guideposts of Animal Navigation			
		2. Biological Clocks			
		3. Courtship in Animals			
		4. Bioelectricity			
		5. Biomechanics of the Body			
		6. Present Problems about the Past			
		7. Metabolites of the Sea			
		8. Blood Cell Physiology			
		9. Homeostatic Regulation			
		10. Biology of Coral Atolls			
		11. Early Evolution of Life			
		12. Population Genetics			
		13. Slime Molds and Research			
		14. Cell Division			
		15. Photoperiodism in Animals			
		16. Growth and Age			
		17. Biology of Termites			
		18. Biogeography			
		19. Hibernation			
		20. Animal Language			
		21. Ecology of the African Elephant			
		22. Cellulose in Animal Nutrition			
		23. Plant Systematics			
		24. Photosynthesis			
"	"	BSCS Laboratory Blocks			8, 9
		Animal Behavior		1.04	
		Teacher's Supplement		.96	
		Animal Growth and Development		1.44	
		Teacher's Supplement		1.04	
		The Complementarity of Structure and Function		1.44	
		Teacher's Supplement		1.04	
		Field Ecology		1.80	
		Teacher's Supplement		.68	
		Genetic Continuity		2.00	
		Teacher's Supplement		1.32	
		Life in the Soil		1.36	
		Teacher's Supplement		.84	
		Microbes: Their Growth, Nutrition, and Interaction		1.84	
		Teacher's Supplement		1.32	
		Physiological Adaptation		(Segal and Gross, in press)	
		Plant Growth and Development		1.52	
		Teacher's Supplement		1.04	
		Regulation in Plants by Hormones		1.80	
		Teacher's Supplement		.84	

Author	Publisher	Title	Date	Price	Grade
Biological Sciences Curriculum Study	Prentice-Hall	Biological Science: Interaction of Experiments and Ideas (BSCS Second Course)	1965	Text $6.60 Teacher's Edition 7.20	11-12
"	Rand McNally	High School Biology, BSCS Green Version	1966	7.00 (1968 edition in press)	9
Cave, B. V.	Pergamon	Advance of Life	"	3.50	9-12
Cockrum et al.	W.B. Saunders	Biology	"	9.00 (20 percent discount)	12
Dienhart	"	Basic Human Anatomy and Physiology	1967	4.25 (20 percent discount)	"
Dodds and Hurn	St.Martin's Press	Practical Biology	1964	3.00 (25 percent discount)	9-12
Dodge	Allyn and Bacon	Elements of Biology	"	6.68 (25 percent school discount)	10
Eisman and Tanzer	Prentice-Hall	Biology & Human Progress, 3rd Ed.	"	6.08	10
Gregory and Goldman	Ginn	Biological Science for High School Laboratory Manual Teacher's Manual and Key	1965	6.64 2.68* 2.04	9-12
Grobstein	W. H. Freeman	Strategy of Life	"	1.75	12
Hall and Lesser	AMSCO	Review Text in Biology	1966	1.35 (including educational discount)	9-10
Hardin	W.H. Freeman	Biology: Its Principles and Implications (2nd edition)	"	9.50	12
Hocking, B.	Schenkman	Biology - or Oblivion: Lessons from the Ultimate Science	1965	paper 1.25 cloth 2.95 (20 percent discount)	11, 12

*Teacher's Edition is the same price as the text

Author	Publisher	Title	Date	Price	Grade
Hurry, S. W.	Houghton Mifflin	The Microstructure of Cells	1964	$2.20 (25 percent discount)	9-12
Kennedy	W. H. Freeman	From Cell to Organism	1967	4.45	12
"	"	Living Cell	1965	4.95	"
Kroeber, Wolff and Weaver	Heath	Biology, Second Edition	"	6.56	9-12
		Teacher's Manual		1.00	
		Workbook and Laboratory Manual		2.00	
Lee, A. E.	Steck-Vaughn	Biology, the Science of Life (revised)	1964	List, 2.20 Net, 1.65	"
Morgan	Pergamon	Environmental Biology (4 volumes)	1963-66	2.95 2.45 1.95(10 percent discount)	7-9
Navarra, Zafforoni, Garone	Harper & Row	Life and the Molecule: The Biological Sciences	1966	6.40(25 percent discount)	8 and 9
Otto and Towle	Holt, Rinehart and Winston	Modern Biology	1965	6.96	9-12
		Biology Investigations		2.64	
		Teacher's Guide to Modern Biology		3.60	
Percival	Pergamon	Floral Biology	"	3.85	10-12
Rodgers, C. L.	Barron's	Essentials of Biology	1967	2.50 (20 percent school discount)	10, 11, 12
Smith and Lawrence	Harcourt, Brace & World	Exploring Biology: The Science of Living Things (Sixth Edition)	1966	4.92	10
Storer	Webster Divison, McGraw-Hill	General Zoology	1965	8.95	9-12
		Teacher's Handbook		1.00	
		Laboratory Workbook		3.95(20 percent discount)	
Street	Pergamon	Plant Metabolism	1963	3.75	10-12
Trump and Fagle	Holt, Rinehart and Winston	Design for Life	"	6.68	9-12
		Experiments in Biological Design		2.88	
Vance and Miller	J. B. Lippincott	Biology for You	"	6.40 (25 percent discount)	Sr. High
"	"	Science of Biology Laboratory and Field Investigations	1966	2.60 (25 percent discount)	"

Author	Publisher	Title	Date	Price	Grade
Villee	W. B. Saunders	Biology	1967	$8.00(20 percent discount)	12
Villee, Walker, and Smith	"	General Zoology	1963	8.50 (20 percent discount)	"
Walker	W. H. Freeman	Dissection of Fetal Pig	1964	1.40	"
"	"	Dissection of Frog	1967	1.40	"
Weinberg	Allyn and Bacon	Biology: An Inquiry into the Nature of Life	1966	6.56 (25 percent discount)	10
Weisz	Webster Division, McGraw-Hill	Elements of Biology	1965	7.95	9-12
		Instructor's Manual		2.00	
		Study Guide		2.95(20 percent discount)	
"	"	Science of Biology (second edition)	1963	8.95	"
		Instructor's Manual		3.00	
		Laboratory Manual		3.95	
		Study Guide		2.95 (20 percent discount)	

CHEMISTRY

Bowman and Glascock	Grolier Educational Corp.	Chemistry: Matter and Chemical Change	1962	16.00	9-12
Boylan	Allyn and Bacon	Elements of Chemistry	1962 (1968 edition in press)	6.88 (25 percent school discount)	11-12
Chemical Bond Approach Project	Webster Division, McGraw-Hill	Chemical Systems	1964	7.48	9-12
		Teacher's Guide		9.96 (25 percent discount)	
"	"	Investigating Chemical Systems	1963		"
		Teacher's Guide		8.00	
		Laboratory Guide		2.56 (25 percent discount)	

Author	Publisher	Title	Date	Price	Grade
Choppin and Jaffe	Silver Burdett	Chemistry: Science of Matter, Energy, and Change	1965	$4.80	8, 10
		Teacher's Guide		1.80 (prices include discount)	
Companion	Webster Division, McGraw-Hill	Chemical Bonding	1967	1.95(20 percent discount)	9-12
Ferguson, Schumckler, and Siegelman	Silver Burdett	Investigating Matter, Energy, and Change (Laboratory Manual)	1966	1.47	8, 10
		Teacher's Manual		.63 (prices include discount)	
Fliedner and Teichman	Allyn and Bacon	Chemistry, Man's Servant	1965	6.56 (25 percent school discount)	9-11
Garrett	Ginn	Semimicro Laboratory Experiments and Projects	1963	2.84	10-12
Garrett and Kiefer	Ginn	Mathematics in Chemistry	1962	1.16	11-12
Garrett, Richardson and Montague	Ginn	Chemistry--A First Course in Modern Chemistry (Revised Edition)	1966	6.68	10-12
		Teacher's Manual		2.32	
		Laboratory and Demonstration Problems		2.88	
Geffner	AMSCO	Experimental Chemistry and Workbook	1964	1.80 (including educational discount)	11-12
"	"	Experimental High School Chemistry	1963	1.30 (including educational discount)	"
"	"	Semimicro Experimental Chemistry	1964	1.40 (including educational discount)	"
"	"	Semimicro Experimental Chemistry and Workbook	1964	1.90 (including educational discount)	"

Author	Publisher	Title	Date	Price	Grade
Gelender	AMSCO	Review Text in Chemistry	1964	$1.45 (including educational discount)	11-12
Himes	Merrill	Solving Problems in Chemistry	1966	2.60 (25 percent discount)	"
Hogg, Bickel, Nicholson, and Wik	D. Van Nostrand	Chemistry--A Modern Approach	1963	5.96	11, 12
Lee and Van Orden	W. B. Saunders	General Chemistry	1965	8.00(20 percent discount)	12
Malm and Frantz	W. H. Freeman	Chemical Principles in the Laboratory	1966	3.75	"
Masterton and Slowinski	W. B. Saunders	General Chemistry	"	8.75 (20 percent discount)	"
McGill, Bradbury, and Sigler	Lyons and Carnahan	Chemistry Guide and Laboratory Activities	"	2.28	High Sch
Metcalfe, Williams, and Castka	Holt, Rinehart and Winston	Modern Chemistry	"		10, 11
		Laboratory Experiments in Chemistry		2.00	
		Exercises and Experiments in Chemistry (Workbook)		2.80	
		Scientific Experiments in Chemistry		2.00	
		Semimicro Chemistry		2.80	
		Teacher's Guide		3.60	
Newton	Walch	Chemistry Problems	1963	2.00	11, 12
"	"	Guidelines in Chemistry (a lab manual)	1965	2.50	"
		Teacher's Edition		3.00	
Oppe, G.	Steck-Vaughn	Chemistry (Revised)	1963	List,2.20 Net,1.65	9-12
Pauling and Hayward	W. H. Freeman	Architecture of Molecules	1964	10.00	12
Pierce and Smith	"	General Chemistry Workbook (3rd Edition)	1965	2.00	"

Author	Publisher	Title	Date	Price	Grade
Pimentel	W. H. Freeman	Chemistry: An Experimental Science (CHEM Study)	1963	$ 5.80	11
		Laboratory Manual		1.60	
Posin	J.B. Lippincott	Chemistry for the Space Age	1964	6.12 (25 percent discount)	Sr. High
Routh	W. B. Saunders	20th Century Chemistry	1965	5.00 (25 percent discount)	12
Sienko	Webster Division, McGraw-Hill	Chemistry	1966	8.95 (20 percent discount)	9-12
"	"	Chemistry: Principles and Properties	"	8.95	11
		Experimental Chemistry		3.95	
		Instructor's Manual		1.00	
		Study Guide		2.95 (20 percent discount)	
Sr. Virginia	Walch	Simple Chemistry Experiments for for Home and School	1963	3.00	11-12
Smoot, Price, and Barrett	Merrill	Chemistry: A Modern Course	1965	6.08	"
		Laboratory Manual		2.20(25 percent discount)	
Sturchio, Nechamkin, and Dorfman	Prentice-Hall	Chemistry: Principles and Concepts (Teacher's Edition and Laboratory Manual available)	1966	6.64	11
Sulcoski and Rituper	Burgess	Basic Chemistry Problems	1963	2.90	10-12
Swezey, K. M.	McGraw-Hill	Science Shows You How	1964	3.50	6-12
Tilbury, G.	Lyons and Carnahan	Problem Solving in Chemistry	1967	2.28	High School
Vavoulis, A.	Holden-Day	Chemistry Calculations	1966	2.50(paper) 4.95(cloth)	Secondary
Watt, et al.	W.W. Norton	Chemistry	1964	7.50 (20 percent discount)	11-12
		Chemistry in the Laboratory		3.50	

PHYSICAL SCIENCE AND PHYSICS

Author	Publisher	Title	Date	Price	Grade
Ahner and Diamond	AMSCO	Lab Manual in Physics, Second Edition	1967	1.25 (including educational discount)	11-12
"	"	Workbook and Lab Manual in Physics, Second Edition	"	1.75 "	"
Ahner and Kastan	"	Review Text in Physics	1966	1.30 "	"
Atkins	Wiley	Physics	1965	9.95	advanced placement
Baez	W. H. Freeman	New College Physics A Spiral Approach	1967	11.75	12
Barrett, R. E.	Doubleday	Build-It-Yourself Science Laboratory	1963	4.50	7-12
Bickel, Hogg, and Eigenfeld	D. Van Nostrand	Physical Science--A Modern Approach	1966	5.96	8, 9
Brooks, Tracy, Tropp, and Friedl	Holt, Rinehart and Winston	Modern Physical Science	"	6.12	---
		Teacher's Edition		7.12	
		Exercises and Investigations		2.08	
Chase, Rituper and Sulcoski	Burgess	Experiments in Nuclear Science	1964	3.50	10-12
		Teacher's Manual		2.45	
Dull, Metcalfe, and Williams	Holt, Rinehart and Winston	Modern Physics	1964 (1968 edition in press)	6.64	11-12
		Teacher's Edition		7.64	
		Laboratory Experiments in Physics		2.00	
		Physics Workbook		2.80	
		Scientific Experiments in Physics		2.00	
Goehring	Walch	Experiment Guide for High School Physics Experiments	1964	3.00	---
		Teacher's Guide		1.50	
Introductory Physical Science	Prentice-Hall	Introductory Physical Science (IPS)	1967	Paper 2.64 Cloth 3.72	8-9
		Teacher's Guide		6.28	
		(Equipment Kits also available)			

Author	Publisher	Title	Date	Price	Grade
Kelly and Miner	Ginn	Physics for High School; Laboratory Experiments in Physics for High School (Teacher's Guide and other supplementary materials in press)	1967	$7.64	10-12
Krauskopf	Webster Division, McGraw-Hill	Fundamentals of Physical Science (Fifth Edition) Instructor's Manual Study Guide (20 percent discount)	1966	9.50 1.50 2.95	9-12
Navarra, Strahler	Harper & Row	Energy and the Atom: The Physical Sciences	1967	6.40 (25 percent Jr. High discount)	
Pella and Wood	Prentice-Hall	Physical Science for Progress, 2nd Edition (Laboratory Manual and Teacher's Manual available)	1964	6.24	9-12
Ramsey, Phillips, and Watenpaugh	Holt, Rinehart and Winston	Foundations of Physical Science Teacher's Guide to Foundations of Physical Science Laboratory Report Sheets (Laboratory supplies and equipment also available)	1967	6.28 3.60 1.60	---
Schulz and Lagemann	J. B. Lippincott	Physics for the Space Age	1966	6.20(25 percent discount)	Sr. High
Shaskol'skaya	Pergamon	Selected Problems in Physics with Answers	1963	3.75	10-12
Steels	"	Course in Physics (2 volumes)	1963-65	2.95 each volume	"
Stevenson and Moore	W. B. Saunders	Theory of Physics--An Introductory Course	1967	10.00(20 percent discount)	12
Stollberg and Hill	Houghton Mifflin	Physics: Fundamentals and Frontiers	1965	8.68(25 percent discount to schools)	11-12
Strickland	Burgess	Investigations in Physical Science	1964	3.95	10-12
Taffel	Allyn and Bacon	Physics: Its Methods and Meanings	1965	6.16(25 percent school discount)	11-12
Thurber and Kilburn	Allyn and Bacon	Exploring Physical Science	1966	5.40(25 percent school discount)	7-9
Verwiebe, Van Hooft and Suchy	D. Van Nostrand	Physics-A Basic Science	1962	6.40	11, 12

Author	Publisher	Title	Date	Price	Grade
Werblow	Walch	Physics Problems and Their Solutions	1965	$ 3.25	11, 12
White, White and Gould	D. Van Nostrand	Physics: An Experimental Science	1967	6.76	"
Wistar	Wiley	Man and His Physical Universe: An Integrated Course in Physical Science	1963	7.95	12

EARTH AND SPACE SCIENCE

AGI-NAS-NRC	Holt, Rinehart and Winston	Geology and Earth Sciences Source-book	1962	3.84	(A guidebook for teachers)
Bates	Pergamon	The Planet Earth	1964	6.50	10-12
Blanc and Fischler	Holt, Rinehart and Winston	Modern Science: Earth, Matter, and Space	1967	5.40	---
		Teacher's Edition		6.40	
		Exercises and Investigations		1.72	
Brown, H. A.	Twayne	Cataclysms of the Earth	1967	6.00	10-12
Earth Science Curriculum Project	Houghton Mifflin	Investigating the Earth	1967	8.00 (25 percent discount)	9
		Teacher's Guide		10.00	
		Free if ordered with class quantities of texts, otherwise 29 percent discount			
Earth Science Curriculum Project	Prentice-Hall	ESCP Reference Series RS-1 Source of Earth Science Information RS-2 Selected References for Earth Science Courses RS-3 Selected Earth Science Films RS-4 Selected Maps and Earth Science Publications: for the States and Provinces of North America RS-5 Free Material for Earth Science Teachers RS-6 Planetariums, Observatories and Earth Science Exhibits RS-7 Selected Topographic Maps: Their Use and Interpretation RS-8 Guide to Geological Field Trip Guidebooks for North America			

These are all current editions, $1.32 each; Teacher's aid is also $1.32 each.

Author	Publisher	Title	Date	Price	Grade
Hungerford and Robinson	J. Weston Walch	Land Forms: The Result of a Great Battle	1964	$ 2.25	7-10
Inglis	Wiley	Planets, Stars and Galaxies: An Introduction to Astronomy	1967	7.95	12
Millman, P.	Schenkman	This Universe of Space	1962	1.25 (25 percent discount)	11, 12
Namowitz and Stone	D. Van Nostrand	Earth Science - The World We Live In	1965	5.96	8, 9
Navarra, Garone	Harper & Row	Our Planet in Space: The Earth Sciences	1967	6.40(25 percent discount)	Jr. High
Ramsey and Burckley	Holt, Rinehart and Winston	Modern Earth Science Teacher's Edition Exercises and Investigations	1965	6.40 7.40 2.08	---
Schaefer and Jeffries	Grolier Educational Corp.	Measurement, Meteorology, and Astronomy	1962	13.50	Jr. High
Shelton	W. H. Freeman	Geology Illustrated	1966	10.00	12
Thurber and Kilburn	Allyn and Bacon	Exploring Earth Science	1965	4.68(25 percent discount)	7-9
Wolfe, Battan, Fleming, Hawkins, and Skornik	Heath	Earth and Space Science Teacher's Manual Laboratory Manual	1966	6.20 1.96 2.68	10-12

SCIENCE EXPERIMENTS

Author	Publisher	Title	Date	Price	Grade
Beeler and Branley	Crowell*	Experiments with Atomics	1965	$3.50	7-9
Broudy, B.	Steck-Vaughn	The Junior Scientist's Project Handbook	1964	List, .48 Net, .36	7-12
Gregg, J. R.	Ronald	Experiments in Visual Science--For Home and School	1966	5.00(15 percent discount for faculty)	"
Sr. Virginia	Walch	Simple Chemistry Experiments for Home and School	1963	3.00	11-12
Sulcoski	Burgess	Experiments in Chemistry	1965	3.00	10-12
		Teacher's Manual		2.50	
"	"	Semimicro Experiments in Chemistry	1963	2.90	"
Sulcoski and Rash	"	Experiments in Physics	1966	3.75	"
Swezey, K. M.	McGraw-Hill	Science Shows You How	1964	3.50	7-12
UNESCO, Editor	Doubleday	700 Science Experiments for Everyone	"	4.00	5-9
Welte, Dimond and Friedl	Burgess	Your Science Fair	1966	3.25	7-9

PROGRAMED UNITS

Accelerated Instruction Methods Corporation	Macmillan	General Science: Programed Learning Laboratory	1963-66		"
		Motion		1.32*	
		Force		"	
		Energy and Work		"	
		Simple Machines		"	
		Earth		"	
		Light: Flow and Energy		"	
		*Guide and Resource Books are the same price			
Cox and Cox	W. H. Freeman	Introductory Geology (A Programed Text)	1965	2.75	12

* Thomas Y. Crowell Company, 201 Park Avenue South
New York, N.Y. 10003

Author	Publisher	Title	Date	Price	Grade
Educational Methods, Inc.		The EMI Programed Biology Series			
		Introduction to Chemistry	1966	$2.95	9-12
		Structure and Function of the Cell	"	"	"
		DNA: The Key to Life	"	"	"
		Energy, Organization and Life	1967	"	"
		Genes and Population	"	1.75	"
		Absorption of Light by Chlorophyll	"	3.50 (Lab manual and kit)	"
		Understanding the Microscope	"	1.00 (Lab manual)	"
Field Enterprises Educational Corporation		Cyclo-Teacher Learning Aid *Total cost for kit of 225 cycles, some of which are scientific.	"	69.95*	4-7
Fitzgerald	Walch	The Special Theory of Relativity	1963	1.00	7-12
Graflex, Inc. Programed Instruction Units* *A Teacher's Manual is supplied with each order.					
Ketchum		Asexual Reproduction of Plants	1966		10-12
Ketchum and Nobiling		Avogadro's Number	"		"
Dennis		Classification of Plants	"		7-8
Blodgett		Levers	"		5-7
Ketchum		The Mole Concept in Chemistry	"		10-12
Pierleoni and Ghedi		Our Earth and the Universe	"		9
"		Shaping the Earth's Surface	"		"
Pelsang		Trees-Their Use and Structure	"		7

Author	Publisher	Title	Date	Price	Grade
Harris, F. E.	Behavioral Research Labs.	Numbers and Units for Science	1963	$2.96	10-12
		Teacher's Manual		.64	
		Test Booklet		.51	
		(All prices include educational discount)			
"	"	Principles of Chemistry	1963-64		"
		Special Kit		19.96	
		8 books		2.96 each	
		Teacher's Manual		3.75	
		Test Booklet		3.75	
		(All prices include educational discount)			
Joseph and Leahy	Wiley	Programed Physics:			12
		Part 1: Mechanics	1965	4.95	"
		Part 2: Electricity and Magnetism	"	"	"
		Part 3: Optics and Waves	"	3.95	"
		Part 4: Kinetic Theory and Thermodynamics	1967	4.95	"
		Part 5: Topics in Modern Physics	"	"	"
Learning Incorporated		How Scientists Think and Work		1.50 each	5-7
		Our Solar System		"	7-9
		Cells: Their Structure and Function		"	8-9
		Chemistry Concepts: The Molar Method		"	10-12
		Large quantity orders may be purchased from: Coronet Instructional Films 65 East South Water Street Chicago, Illinois 60601			
Lotkowski	Educational Methods, Inc.	The Soil	1966	3.50	12
McMillan	Pergamon	Introduction to Genetics (Programed text)	"	4.95	9-12
Maxwell and Levinsky	Coronet Learning Programs	Chemistry Concepts: The Molar Method	1962	1.50 (25 or more, $1.20 ea.)	10-12
Meade, F. U.	"	Our Solar System	"	"	7-9

Author	Publisher	Title	Date	Price	Grade
Powell, V.	Prentice-Hall	Programmed Units in Chemistry	1965	$ .84 ea.	11
		Chemical Symbols		"	
		Chemical Formulas and Names		"	
		Molecular Weight Calculations		"	
		Weight and Volume Relationship		"	
		Balancing Chemical Equations		"	
Sullivan, M. W.	Behavioral Research Labs.	Programmed Astronomy Book 2: The Night Sky	1963	2.22	7-12
		Teacher's Manual		1.20	
		Test Booklet		.54	
Sullivan, N. E.	"	Programmed Astronomy Book 1: The Solar System	"	2.49	"
		Teacher's Manual		1.20	
		Test Booklet		.54	
		(All prices include educational discount)			
Sacerdote	Wiley	General Chemistry: A Programmed Review	1963	4.95	12
Zaborska, M.	Coronet Learning Programs	How Scientists Think and Work	1964	1.50 (25 or more, $1.20 ea.)	5-7
Zaborska and Meade	"	Cells: Their Structure and Function	1963	"	8-9
		ADVANCED PLACEMENT			
Andrews and Kokes	Wiley	Fundamental Chemistry	1965	8.95	12
		Laboratory Manual		2.95	
Atkins	"	Physics	"	9.95	12
Bawden and Fredericks	Macmillan	Man's Physical Universe, Fifth Edition	1966	8.95	"
Bennett and Frieden	"	Modern Topics in Biochemistry: Structure and Function of Biological Molecules	"	2.95	"

Author	Publisher	Title	Date	Price	Grade
Bishop, O. N.	Houghton Mifflin	Statistics in Biology	1967	$2.75 (20 percent discount to schools)	9-12
		(College text suitable for high school use)			
Booth, V. H.	Macmillan	Physical Science: A Study of Matter and Energy (Second Edition)	"	8.95	11, 12
Coult, D. A.	"	Molecules and Cells	"	2.75 (20 percent discount to schools)	9-12
		(College text suitable for high school use)			
Davis, G. E.	Iowa State University Press	Radiation and Life	"	6.50 (short discount)	advanced
Dillon, L. S.	Macmillan	Principles of Animal Biology	1965	7.95	10-12
Filledes, T. P.	Educators Publishing Service	Experimental Physiology and Applied Biology	1967	2.50	11, 12
Gardiner and Flemister	Macmillan	Principles of General Biology, Second Edition	1967	8.95	11, 12
Gardner	Wiley	Principles of Genetics	1964	"	12
Greulach and Adams	"	Plants: An Introduction to Modern Botany	1967	8.50	"
Haight, G.P.,Jr.	Macmillan	An Introduction to Physical Science: From Atoms to Galaxies	1964	8.95	11, 12
Holum	Wiley	Elements of General and Biological Chemistry	1962 (1968 edition anticipated)	7.50	12
			Laboratory Manual	2.95	
Keeton, W. T.	W. W. Norton	Biological Science	1967	9.50	"
Korn and Korn	Wiley	Investigations Into Biology	1965	4.50	"
McCormick, W. W.	Macmillan	Fundamentals of College Physics	"	10.95	11, 12

Author	Publisher	Title	Date	Price	Grade
McCormick, W. W.	Macmillan	Laboratory Experiments in Physics	1966	$4.95	11, 12
Mavor and Manner	"	General Biology, Sixth Edition	"	8.95	"
"	"	Laboratory Exercises in General Biology, Sixth Edition	1967	4.95	advanced
Morrison, Cornett, Tether, Gratz	Holt, Rinehart and Winston	Human Physiology Experiments in Physiology Teacher's Guide	"	6.60 2.00 3.60	11, 12
Nason	Wiley	Textbook of Modern Biology	1965	9.45	12
Pauling	W. H. Freeman	College Chemistry (3rd Edition)	1964	8.25	"
Quick, F. J.	Macmillan	Introductory College Chemistry Laboratory Manual Workbook	1965	7.25 3.95 2.95	advanced
Robbins, Weier, and Stocking	Wiley	Botany: An Introduction to Plant Science Laboratory Manual	1964	9.25 2.95	12
Ronneberg, C.	Houghton Mifflin	Laboratory Approach to the Physical Sciences: A Project Manual	1965	3.50 (20 percent discount to schools)	11-12
(College text suitable for high school use)					
Sanderson	Wiley	Principles of Chemistry	1963	8.95	12
Siebring, B. R.	Macmillan	Chemistry	1967	"	advanced
Sisler, Wander Werf, and Davidson	"	College Chemistry, Third Edition	"	9.95	advanced
Slabaugh and Parsons	Wiley	General Chemistry Laboratory Manual	1966	8.50 3.95	12
Wyss, Williams, and Gardner	"	Elementary Microbiology Laboratory Manual	1963	6.50 2.95	"

TEACHERS REFERENCES

Author	Publisher	Title	Date	Price
Barthelmy, Dawson, and Lee	Heath	Innovations in Equipment and Techniques for the Biology Teaching Laboratory	1964	$2.20
Berger and Baumel	Teachers Practical Press	Enriching the Science Program	"	1.95
Biological Sciences Curriculum Study	Wiley	Biology Teacher's Handbook	1966	7.00
Boyd	Walch	General Science Today	1963	3.00
"	"	Successful Devices in Teaching Biology	1965	"
Bremner	St. Martin's Press	Teaching Biology	1967	3.50 (20 percent discount)
Feldman	Teachers College Press	Electron Micrographs in the Teaching of Biology (Science Manpower Project)	1962	1.25
Massey	St. Martin's Press	Patterns for the Teaching of Science	1965	4.36 (25 percent discount)
U.S. Government Printing Office		Aids for Teaching Science, Evidences of Good Science Program	1963	.15
" "	" "	Aids for Teaching Science, Suggested Checklist for Assessing a Science Program	1964	" "
" "	" "	Guidelines, Special Program for Educationally Deprived Children (ESEA Title I, 1965)	1965	.35
" "	" "	Improvement of Instruction Through NDEA Title III (A report)	1966	.25
" "	" "	STEPS to Excellence, A Program to Improve Science Teaching	1962	.15
Washington, N.S.	W. B. Saunders	Teaching Science Creatively...in the secondary schools	1967	7.50
Woodburn and Obourn	Macmillan	Teaching the Pursuit of Science	1965	7.50

MISCELLANEOUS

Author	Publisher	Title	Date	Price	Grade
Emanuelson and Emanuelson, Editors	Interstate	Conservation Quickies	1966	$ .75 (discounts on multiple orders)	Secondary
Hungerford and Tomera	Walch	Reproduction: An Important Life Function	"	2.25	"
Learning Materials, Inc.	Basic Systems	Living Science Laboratories	1967		
		The Earth's Crust		55.00	6-10
		(Experimental unit plus essential laboratory materials)			
"	"	The Green Plant	"	52.50	"
"	"	Matter and Energy	"	59.50	"
Middleton, W.E.K.	Schenkman	The Scientific Revolution	1965	Paper, 1.25 Cloth, 2.65 (20 percent discount)	11, 12
McNall, P. E.	Interstate	Our Natural Resources	1964	4.75 (less educational discounts)	7, 8
Schneider	Allyn and Bacon	Health and Growth	1967	3.40 (25 percent school discount)	"
Wistar	Wiley	Man and His Physical Universe: Integrated Course in Physical Science	1963	7.95	12
Woodruff, B. J.	Silver Burdett	Terms, Tables, and Skills for the Physical Sciences	1966	List, 2.40 Net, 1.80	---

CURRICULUM PROJECTS IN SCIENCE

JUNIOR HIGH SCHOOL

Grades 7-9

(see also Subject Matter Projects)

CURRICULUM GUIDES FOR SCIENCE

Curriculum Guide for Science: General Science
1966 $3.00 Jr. High
Miss Mary C. Lacy, Director of Publications
Board of Education, 228 N. LaSalle Street, Chicago, Illinois 60601

Curriculum Guide for Science 7-8
1966 $3.00 7-8
Miss Mary C. Lacy, Director of Publications
Board of Education, 228 N. LaSalle Street, Chicago, Illinois 60601

ELEMENTARY SCHOOL SCIENCE PROJECT (Astronomy)

Gravitation	1966	$1.50	Teacher's Guide $1.50	6-7
Galaxies and the Universe	1966	$1.50	Teacher's Guide $1.50	8-9
The Life Story of a Star	1966	$1.50	Teacher's Guide $1.50	8-9
The Message of Starlight	1966	$1.50	Teacher's Guide $1.50	7-8

J. Myron Atkin, Director, 805 W. Pennsylvania, Urbana, Illinois 61801

ELEMENTARY SCIENCE STUDY

The following units are suitable for grades 7 and up. For units suitable for grades K-6, see Bibliography or Science Courses of Study and Textbooks, Grades K-9.

Eggs and Tadpoles	experimental	$1.80	K-8
Attribute Games and Problems*	"	"	"
Mirror Cards*	1967	2.32	1-7
Pendulums*	experimental	1.80	4-7
Microgardening*	1967	2.50	"
Kitchen Physics*	"	1.95	5-7
Batteries and Bulbs*	"	---	5-8
Gases and "Airs"	"	2.40	"
Euglena	experimental	.90	6-8

*Equipment kit also available.
Webster Division, McGraw-Hill Book Co., Manchester, Missouri 63011
Science Services Desk

INTRODUCTORY PHYSICAL SCIENCE (IPS)

Introductory Physical Science, IPS Group of Educational Services Incorporated
1967 Paperback, $1.89 Hardcover, $4.47 Jr. High
Prentice-Hall, Inc., Englewood Cliffs, New Jersey 07632

MICHIGAN SCIENCE CURRICULUM COMMITTEE JUNIOR HIGH SCHOOL PROJECT (MCCC-JHSP)

Michigan Science Curriculum Committee Junior High School Project
1967 free 7
Dr. W. C. Van Deventer, Director, Department of Biology,
Western Michigan University, Kalamazoo, Michigan 49001

MINNEAPOLIS PUBLIC SCHOOLS REORGANIZED SCIENCE CURRICULUM, K-13

Educational Program 1967-68
1966 free 7-9
Publications Office, J. Hervey Shutts, Consultant in Science, Public Schools,
Minneapolis, Minnesota 55413

QUANTITATIVE ELEMENTARY SCHOOL SCIENCE PROJECT

Statement of Project Guidelines
1967 free K-12
Quantitative Elementary School Science Project
Clifford Swartz, Director, Physics Department
SUNY at Stony Brook, Stony Brook, New York 11790

SCHOOL SCIENCE CURRICULUM PROJECT (SSCP) (all free)

Running Water and River Development	1964	7-9
Bears and Biology Material for Teachers	1967	6-8
Energy	"	K-9
A Little Math with Your Science	"	"
Short Interval Timer	"	5-9
Hatchet Planimeter	"	5-12
Building and Observing a Large Pendulum	"	5-9
The Construction of Fifty-Gallon and Thirty-Gallon Aquariums (Not commercially available as of Fall 1967)	"	---

Richard F. P. Salinger, 1102 W. Main St., Urbana, Illinois 61801

SCIENCE IN ACTION SERIES (all free)

1. A Guide for Teaching Science
2. Measurements
3. Simple Machines
5. Force, Energy and Power
6. Simple Plants and Animals
9. Astronomy
10. Vertebrates
11. Meteorology
12. Ecology (Indoors and Outdoors)
13. Physiology
14. Electricity

Science in Action Series, Irvin T. Edgar, Director, Dept. of Public Instruction, Room 566, Harrisburg, Penna. 17126

SECONDARY SCHOOL SCIENCE PROJECT

Time, Space and Matter (prices are net to schools)
1966-67 8

Investigation 1:	
Encountering the Physical World	$ .60
Teacher Folio	.99
Investigation 2:	
Exploring a Slice of the Earth	.60
Teacher Folio	.99
Investigation 3:	
From Microcosm to Macrocosm	.60
Teacher Folio	.99
Investigation 4:	
Levels of Approximation	.39
Teacher Folio	1.47
Investigation 5:	
Dimensions and Motions	1.29
Teacher Folio	1.47
Investigation 6:	
The Surface of the Earth	.99
Teacher Folio	1.47
Investigation 7:	
The Grand Canyon of Colorado	.60
Teacher Folio	1.47
Investigation 8:	
The Surface of the Moon	1.17
Teacher Folio	1.47
Investigation 9:	
Worlds in Space	.99
Teacher Folio	1.95
Student Record Book	.99
Science Reading Series	
Through the Canyon (1966)	.48
The Lunar First (1967)	.39
On a Piece of Chalk (1967)	.36

Webster Division, McGraw-Hill Book Company, Manchester Road, Manchester, Missouri 63011
Equipment is also available from McGraw-Hill.

SPECIAL MATERIALS SCIENCE PROJECT(SMSP)

Special Materials Science Project--Alpha I and II
1967 $ .75 (limited quantity) Upper elementary and Jr. High
Observing and Recording, Measurement, A Study in Ecology: The Aquarium, The Natural History of Animals, Electricity, The Analysis of Levers, The Metric System, Observing and Measuring, Development, and Innovation in Microscopy: The Small World
Special Materials Science Project, John J. Rizza, Director
42 Stevenson Avenue, Peekskill, New York 10566

UNIVERSITY OF IOWA SECONDARY SCIENCE CURRICULUM

Iowa Laboratory School Science Program
Secondary Science Curriculum
1964 $2.50 7-12
Campus Stores, University of Iowa, Iowa City, Iowa 52240

SUBJECT MATTER PROJECTS

(Grades 9-12)

BIOLOGICAL SCIENCES CURRICULUM STUDY (See also pages 23-25)

Title	Publisher*	Date	Price	Grade
Biological Science: Molecules to Man Test booklet for Molecules to Man (Blue version)	Houghton-Mifflin	1963 (1968 edition in press)	$8.80	9-10
High School Biology BSCS Green Version Test Booklet for High School Biology	Rand McNally	1966 (1968 edition in press)	7.00	9
Biological Science: An Inquiry Into Life Test booklet for An Inquiry Into Life (Yellow version)	Harcourt, Brace, & World	1968 (Second Edition)	in press	10
Version Tests Quarterly Achievement Tests Comprehensive Final Examination Processes of Science Test	Psychological Corp. 304 E. 45th St. New York, N.Y. 10017			
Biological Science: Interaction of Experiments and Ideas Second course	Prentice-Hall	1965	6.60	11-12
		Teacher's Edition	7.20	
		Quarterly Tests and Final Exam Pkg.	18.00	
Biological Science: Patterns and Processes (Special Materials)	Holt, Rinehart and Winston	1966	3.60	10
Unit Tests and Final Examination	Psychological Corp. 304 E. 45th St. New York, N.Y. 10017	1966		

Laboratory Blocks
Plant Growth and Development; D. C. Heath & Co.
Animal Growth and Development;
Microbes: Their Growth, Nutrition, and Interactions;
The Complementarity of Structure and Function; Field Ecology;
Regulation in Plants by Hormones--A Study in Experimental Design;
Animal Behavior; Life in the Soil;
Genetic Continuity; Physiological Adaptation

*Addresses of Publishers for BSCS books are given in the Appendix.

Title	Publisher*	Date	Price	Grade
Pamphlet Series Animal Language; Bio-electricity; Biogeography; Biological Clocks; Biology of Coral Atolls; Biology of Termites; Biomechanics of the Body; Blood Cell Physiology; Cell Division; Cellulose in Animal Nutrition; Courtship in Animals; Early Evolution of Life; Ecology of the African Elephant; Growth and Age; Guideposts of Animal Navigation; Hibernation; Homeostatic Regulation; Metabolites of the Sea; Photoperiodism in Animals; Photosynthesis; Plant Systematics; Population Genetics; Present Problems About the Past; Slime Molds and Research	D. C. Heath	1965	$ .60 each	
Innovations in Equipment and Techniques for the Biology Teaching Laboratory	D. C Heath	1964	2.20	
Biology Teachers' Handbook	Wiley	1966	7.00	Teachers suppl.
Research Problems Research Problems in Biology: Investigations for Students, Series One, Two, Three, and Four	Doubleday	1963, 1965		
BSCS Bulletin No. 2: Teaching High School Biology: A Guide to Working With Potential Biologists, by Paul Brandwein, Jerome Metzner, Evelyn Morholt, Anne Roe, and Walter Rosen	BSCS	1963	2.00	
BSCS Bulletin No. 3: BSCS Biology--Implementation in the Schools, by Arnold Grobman, Paul DeH. Hurd, Paul Klinge, Margaret McKibben Lawler, and Elra Palmer	BSCS	1964	3.50 (cloth) 5.00	
Laboratory Blocks in Teaching Biology	BSCS	1967	free	
The Teacher and BSCS	BSCS	1966	free	11, 12

*Addresses of Publishers for BSCS books are given in the Appendix.

Title	Publisher*	Date	Price	Grade
BSCS Materials for Preparation of In-Service Teachers of Biology	BSCS	1964	free	11, 12

*Addresses of Publishers for BSCS books are given in the Appendix.

CHEMICAL BOND APPROACH PROJECT

Chemical Systems
1964 $7.48 11
9.96 Teacher's Guide
Webster Division, McGraw-Hill Book Company, Manchester Road, Manchester, Missouri 63011

Investigating Chemical Systems
1964 2.56 11
8.00 Teacher's Guide
Webster Division, McGraw-Hill Book Company, Manchester Road, Manchester, Missouri 63011

Programmed Instruction: Electrostatics and Potential Energy
1964 --- 11
Source for this book:
Earlham College Press, Earlham, Indiana 47374

CHEMICAL EDUCATION MATERIAL STUDY

Chemistry, an Experimental Science (text)
1963 $5.80 11-12
Achievement Tests
1964-65 1.00 "
Laboratory Manual
1963 1.60 "
Teachers Guide
1963 7.00 "
Slide Rule (programed instruction)
1962 .40 11
Exponential Notation (programed instruction)
1962 .25 "
W. H. Freeman and Co., 660 Market Street, San Francisco, California 94104

CURRICULUM GUIDES FOR SCIENCE

Curriculum Guide for Science: Biology
1966 $3.50 9
Curriculum Guide for Science: Chemistry
1966 3.00 10
Curriculum Guide for Advanced Chemistry
1966 2.00 10
Curriculum Guide for Science: Physics
1966 3.50 10
Miss Mary C. Lacy, Director of Publications
Board of Education, 228 N. LaSalle Street, Chicago, Illinois 60601

EARTH SCIENCE CURRICULUM PROJECT

Investigating the Earth
1967 $8.00 (25 percent discount) 9
10.00 Teacher's Guide
Houghton-Mifflin Co., 110 Tremont Street, Boston, Mass. 02107

ESCP Reference Series
Source of Earth Science Information
Selected References for Earth Science Courses
Selected Earth Science Films
Selected Maps and Publications
Free Material for Earth Science Teachers
Planetariums, Observatories and Earth Science Exhibits
Selected Topographic Maps
Current Editions $1.32 each
Prentice-Hall, Englewood Cliffs, New Jersey 07632

PHYSICAL SCIENCE STUDY COMMITTEE

PSSC Physics, Second Edition
1965 $6.20 12
D. C. Heath and Co., 285 Columbus Avenue, Boston, Mass. 02116

PSSC ADVANCED TOPICS

Advanced Topics Supplement, Physical Science Study Committee
1966 $3.68 12
D. C. Heath and Co., 285 Columbus Avenue, Boston, Mass. 02116

PORTLAND PROJECT

Biology-Chemistry-Physics--A Three-Year Sequence (newsletter)
1967 free 10, 11, 12

Physics-Chemistry--A Two-Year Sequence
1964 $1.25 11-12
for ordering:
Portland Project
Portland Curriculum Center
631 N. W. Clackamas Street
Portland, Oregon
for further information:
Dr. Michael Fiasca, Director
School of Education
Portland State College, Box 751
Portland, Oregon 97207

MISCELLANEOUS

MINNEAPOLIS PUBLIC SCHOOLS REORGANIZED SCIENCE CURRICULUM, K-13

Educational Program 1967-68
1966 free 10-12

ADDRESSES OF PUBLISHERS

Allyn and Bacon
ELHI Division
470 Atlantic Avenue
Boston, Mass. 02210

American Education Publications
Education Center
Columbus, Ohio 43216

AMSCO School Publications
315 Hudson Street
New York, N.Y. 10013

Barron's Educational Series, Inc.
113 Crossways Park Drive
Woodbury, N.Y. 11797

Basic Systems, a division
of Xerox
Educational Division
600 Madison Avenue
New York, N.Y. 10022

Behavioral Research Laboratories
Box 577
Palo Alto, California 94302

Biological Sciences Curriculum Study
Publications
Box 930
Boulder, Colorado 80302

Burgess Publishing Company
426 S. 6th Street
Minneapolis, Minnesota 55415

Coronet Learning Programs,
a division of Coronet
Instructional Films
65 E. South Water Street
Chicago, Illinois 60601

Doubleday & Company, Inc.
School & Library Division
501 Franklin Avenue
Garden City, L.I. New York 11530

Educational Methods, Inc.
20 East Huron Street
Chicago, Illinois 60611

Educators Publishing Service
301 Vassar Street
Cambridge, Mass. 02139

Field Enterprises Educational Corporation
Cyclo-teacher Learning Aid
Merchandise Mart Plaza
Chicago, Illinois 60654

W. H. Freeman and Company
660 Market Street
San Francisco, California 94101

Ginn and Company
125 Second Avenue
Waltham, Mass. 02154

Graflex, Inc.
235 Park Avenue South
New York, N.Y. 10003

Grolier Educational Corporation
845 Third Avenue
New York, N.Y. 10022

Harcourt, Brace & World
757 Third Avenue
New York, N.Y. 10017

Harper & Row, Publishers'
School Department
2500 Crawford
Evanston, Illinois 60201

D. C. Heath and Company
285 Columbus Avenue
Boston, Mass. 02116

Holden-Day, Inc.
500 Sansome Street
San Francisco, California 94111

Holt, Rinehart, and Winston
383 Madison Avenue
New York, N.Y. 10017

Houghton Mifflin Company
Marketing Division
110 Tremont Street
Boston, Mass. 02107

Houghton Mifflin Co., Regional
Sales Offices
53 West 43rd Street
New York, N.Y. 10036

The Interstate
Danville, Illinois 61832

Iowa State University Press
Press Building
Ames, Iowa 50010

Learning Incorporated
131 E. Sixth Avenue
Scottsdale, Arizona 85251

J. B. Lippincott Company
Educational Publishing Division
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Lyons & Carnahan
407 East 25th Street
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The Macmillan Company
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New York, N.Y. 10022

The Macmillan Company
Riverside, N.J. 08075

McGraw-Hill Book Co.
Junior Books
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Science Services Desk
Webster Division
McGraw-Hill Book Co.
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Charles E. Merrill Publishing Co.
1300 Alum Creek Drive
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W. W. Norton & Company, Inc.
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Pergamon Press Inc., College Division
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Long Island City, N.Y. 11101

Prentice-Hall, Inc.
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Englewood Cliffs, N. J. 07632

Rand McNally & Company
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The Ronald Press Company
79 Madison Avenue
New York, N.Y. 10016

St. Martin's Press, Inc.
School Book Department
175 Fifth Avenue
New York, N.Y. 10010

W. B. Saunders Company
West Washington Square
Philadelphia, Penna. 19105

Schenkman Publishing Co., Inc.
1 Story Street
Cambridge, Mass. 02138

Silver Burdett
Div. of General Learning Corporation
Columbia Road and Park Ave.
Morristown, N. J. 07960

L. W. Singer Company, Inc.
501 Madison Avenue
New York, N.Y. 10022

Steck-Vaughn Company
Editorial Department
Post Office Box 2028
Austin, Texas 78767

Teachers College Press
525 W. 120th Street
New York, N.Y. 10027

Teachers Practical Press, Inc.
47 Frank Street
Valley Stream, N.Y. 11580
(Books are distributed by
Atherton Press, 70 Fifth Ave.
New York, N.Y. 10011)

Twayne Publishers, Inc.
31 Union Square
New York, N.Y. 10003

U. S. Government Printing Office
Superintendent of Documents
Washington, D.C. 20402

D. Van Nostrand Company, Inc.
120 Alexander Street
Princeton, N. J. 08540

J. Weston Walch, Publisher
Box 1075
Portland, Maine 04104

John Wiley & Sons, Inc.
School Sales Division
605 Third Avenue
New York, N.Y. 10016

TEXTBOOKS IN PRESS OR PUBLISHED SINCE NOVEMBER 1967

JUNIOR HIGH

Author	Publisher	Title	Date	Price	Grade
Abraham, Chaney, Balch, and Rohrbaugh	Rand McNally	Interaction of Matter and Energy	1968	about $5 (in press)	7-9
Beauchamp, W.	Scott, Foresman	Everyday Problems in Science	1968	$5.96	7-9
Beauchamp, Mayfield, and Hurd	Scott, Foresman	Science is Explaining	1968	4.88	7
		Science is Understanding	1968	5.28	8
	Scott, Foresman and Co., 1900 E. Lake Ave., Glenview, Illinois 60025				
McCracken, H., et al.	L.W. Singer	Earth Science	1968	5.32 Lab Manual, 1.56	7-9
		Life Science	1968	5.20 Lab Manual, 1.52	7-9
		Physical Science	1968	5.80 Lab Manual, 1.72	7-9
		Teacher's Edition for each book is the same price as the book.			
Shevick, E.	Lyons & Carnahan	Laboratory Investigations-- Matter, Life and Energy	1968	in press	9

BIOLOGY

Smallwood and Green	Silver Burdett	Biology	1968	in press	10-12
no author listed	Houghton Mifflin	The Protozoa	1967	in press	9-12
no author listed	Prentice-Hall	Foundations of Modern Biology Program	1968		10-12
		Animal and Plant Diversity		2.24	
		Modern Cell Biology		4.32	
		The Green Plant		1.95 paper; 3.95 cloth	
		Human Physiology		2.24	
		Investigations of Cells and Organisms: A Laboratory Study in Biology		4.24	

Author	Publisher	Title	Date	Price	Grade
Cotton and Lynch	Houghton Mifflin	Chemistry--An Investigative Approach (A revision of the CHEM Study Program)	1968	in press	10-11
Eichinger, J.W., Jr.	Lyons & Carnahan	Chemical Bonds--Introduction and Fundamentals	1968	in press	11-12
Greenstone, Sutman, and Hollingworth	Harcourt, Brace & World	Concepts in Chemistry	1967	$6.20 Lab Manual, 1.80 Teacher's Manual, free	10-12
Toon, Ellis and Brodkin	Holt, Rinehart, and Winston	Foundations of Chemistry	1968	7.00 Teacher's Guide, 3.60 Laboratory Experiments, 2.60	10-12

PHYSICAL SCIENCE AND PHYSICS

Brinckerhoff, Cross, Watson, and Brandwein	Harcourt, Brace & World	The Physical World (Third Edition)	1968	in press	9
Genzer and Youngner	Silver Burdett	Physics	1968	in press	10-12
Marean and Ledbetter	Addison-Wesley	Physical Science--A Laboratory Approach	1968	5.00 list 3.75 net	8-12

Addison-Wesley Publishing Co., Inc., School Division, 2725 Sand Hill Rd., Menlo Park, California 94025

Williams, Metcalfe, Trinklein, and Lefler	Holt, Rinehart and Winston	Modern Physics	1968	6.64 Teacher's Edition, 7.64 Laboratory Experiments, 2.00 Physics Workbook, 2.80 Scientific Experiments, 2.00	10-12

MISCELLANEOUS

Manufacturing Chemists' Association	Holt, Rinehart and Winston	Scientific Experiments in Environmental Pollution	1968	in press Teacher's Edition and Lab Manual will also be available	sec.
University of Alabama Press		Soils: Their Nature, Classification, Distribution, and Uses	1968	in press (about $4)	9-12

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